211. Humanities: Great Books of Western Culture
   (241B) Fall, 4(4-0) Sophomores.
   Emphasizes selected major works of literature, philosophy, religion, history, and art in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses selected paperbacks, history and art texts. Selected and in the Judea-Christian tradition.

212. Humanities: Great Books of Western Culture
   (242B) Winter, 4(4-0) Sophomores; 211 preferred; or 201, 221, 231, 251, or 251H.
   Emphasizes selected major literary, philosophical, religious, historical and artistic works of the medieval and early modern periods of Western culture.

213. Humanities: Great Books of Western Culture
   (243B) Spring, 4(4-0) Sophomores; 212 preferred; or 202, 222, 232, 252, or 252H.
   Selected major literary, philosophical, religious, historical and artistic works of the medieval and early modern periods of Western culture.

221. Humanities: The Visual Arts and Western Culture
   (241C) Fall, 4(4-0) Sophomores.
   Emphasizes the visual arts in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses an art history text, a history text, an anthology of readings, and selected paperbacks.

222. Humanities: The Visual Arts and Western Culture
   (242C) Winter, 4(4-0) Sophomores; 221 preferred; or 201, 211, 231, or 261, or 261H.
   The visual arts in the culture of the medieval and early modern periods of Western civilization.

223. Humanities: The Visual Arts and Western Culture
   (243C) Spring, 4(4-0) Sophomores; 222 preferred; or 202, 212, 222, 252, or 252H.
   The visual arts in modern culture since 1700.

231. Humanities and Western Institutions
   (241D) Fall, 4(4-0) Sophomores.
   Emphasizes those aspects of culture having to do with man as member of organized society. The origins and development of cultural institutions and their relationships with literature, art, philosophy, and religion in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses a history text, an art text, an anthology of source readings, and selected paperbacks.

232. Humanities and Western Institutions
   (242D) Winter, 4(4-0) Sophomores; 231 preferred; or 201, 211, 221, 231, or 261H.
   Interrelationships of literature, art, philosophy, and religion with the institutions of medieval and early modern periods of Western civilization.

233. Humanities and Western Institutions
   (243D) Spring, 4(4-0) Sophomores; 232 preferred; or 202, 212, 222, 252, or 252H.
   Interrelationships of literature, art, philosophy, and religion with the institutions of modern Western civilization since 1700.

261. Humanities: Music and Western Culture
   (241E) Fall, 4(4-0) Sophomores.
   Emphasizes music in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses live and recorded music, an art and music text, a history text, an anthology of readings, and selected paperbacks.

262. Humanities: Music and Western Culture
   (242E) Winter, 4(4-0) Sophomores; 261 preferred; or 201, 211, 231, 251, or 251H.
   Interrelationships of music with other aspects of medieval and early modern Western culture.

263. Humanities: Music and Western Culture
   (243E) Spring, 4(4-0) Sophomores; 262 preferred; or 202, 212, 222, 232, or 252H.
   Interrelationships of music with other aspects of modern Western culture since 1700.

281H. Humanities: Honors Course
   (241H) Fall, 4(4-0) Sophomores; approval of department.
   Deals with the medieval and early modern stages of Western civilization.

283H. Humanities: Honors Course
   (243H) Spring, 4(4-0) Sophomores; approval of department.
   Deives with modern Western culture since 1700.

291. The Cultural Traditions of China
   (250A) Fall, Winter, Spring, 4(4-0) Senior; 290.
   An interdisciplinary study of major artistic, literary, musical, philosophical, and religious aspects of the culture of China in historical context.

292. The Cultural Traditions of India
   (250B) Fall, Winter, Spring, 4(4-0)
   An interdisciplinary study of major artistic, literary, philosophical, and religious aspects of the culture of India in historical context.

293. The Cultural Traditions of Japan
   (250C) Fall, Winter, Spring, 4(4-0)
   An interdisciplinary study of major artistic, literary, and religious aspects of the culture of Japan in historical context.

294. The Cultural Traditions of the Islamic World
   (250D) Fall, Winter, Spring, 4(4-0)
   An interdisciplinary study of major artistic, literary, philosophical, and religious aspects of the culture of the Islamic world in historical context.

295. The Cultural Traditions of Sub-Saharan Africa
   (251) Fall, Winter, Spring, 4(4-0)
   An interdisciplinary study of major artistic, literary, musical, philosophical, and religious aspects of the culture of Sub-Saharan Africa in historical context.

300. Supervised Individual Study
   Fall, Winter, Spring, Summer. 2 to 4 credits. May re-enroll for a maximum of 12 credits. Six credits in humanities general education; approval of department.

311. Great Cities, Arts, and Ideas: The Western Classical Age
   Fall, 4(4-0) Sophomores.
   The humanities in an urban culture during the Western classical age. Major ideas and works of art and literature, their significance in the city's life, and their continuing influence. Cities will be Athens or Rome.

312. Great Cities, Arts, and Ideas: The Renaissance
   Winter, 4(4-0) Juniors.
   The humanities in an urban culture during the Renaissance. Major ideas and works of art and literature, their significance in the city's life, and their continuing influence. Cities will be Florence, Rome, or Paris.

313. Great Cities, Arts, and Ideas: The Enlightenment
   Spring, 4(4-0) Juniors.
   The humanities in an urban culture during the century of the French Revolution. Major ideas, works of art and literature, their significance in the city's life and their continuing influence. Cities will be Paris or London.

341. The Humanities in the Contemporary World
   Fall, Winter, Spring, 4(4-0) Juniors.
   Previous studies in the humanities are recommended.
   Interdisciplinary study of the literature, philosophy, religion, architecture, painting, sculpture, music, film, and other performing arts of the era since 1945 as they reflect and influence the character of contemporary civilization.

345. Jewish Humanities in the Twentieth Century
   Fall, Winter, Spring, 4(4-0) Precious studies in the humanities recommended.
   An interdisciplinary study of the novel, short story, drama, music, dance, and art of the Twentieth Century as they have reflected the experiences, preoccupations, and contributions of the Jews.

HUMAN MEDICINE

350. The Western Dimensions of Medicine
   Fall, 2(2-0) Approval of department.
   Survey of the historical, sociological and cultural origins of the medical profession, and discussion of prominent contemporary issues.

499. Seminar in Medicine and Society
   Fall, Winter, Spring, 2(2-0) Must re-enroll for a maximum of 6 credits. Human Medicine students. Medicine in its wider social and cultural context. Health viewed as an expression of the person's total functioning—sociocultural, psychological, and biological—whith illnesses regarded as the result of a dysfunction in any one of these areas.
Descriptions — Human Medicine (College of)

Courses

500. Preceptorship Training
Fall, Winter, Spring, Summer. 1 to 3 credits. One year of medical school. Inter-department with the Department of Family Practice.
Field experience in primary care taught by primary care physicians throughout the state to medical students from Michigan State University, University of Michigan and Wayne State University.

505. Patient Interaction
Fall. 2(2-0) ANT 505A concurrently.
Students participate in experiences dealing with certain aspects of interviewing and performing a physical examination. Focus is primarily on self-observation and exploration of student-patient interaction.

506. Doctor-Patient Relationship
Spring. 2(2-0) ANT 505A; H M 520.
Identification of specific elements of communication and interview responses through the utilization of videotaped interviews. Focus on teaching self-observation, exploration of human interaction.

508. Immediate Care
Fall. 2(2-0) First year Human Medicine student.
Methods of administering immediate life saving and supportive measures in case of accident or medical emergency. Emphasis placed on cardio-pulmonary resuscitation, fractures, unconsciousness, wounds, environmental injury and emergency child birth.

510. Focal Problems
(507.) Fall. 1 to 10 credits.
Small group discussions concerned with instruction in the processes of medical problem solving and the integrated learning of basic and clinical medical science concepts. Problems seen in medical practice.

511. Focal Problems
Winter. 1 to 10 credits. 510 or approval of department.
Continuation of 510.

512. Focal Problems
Spring. 1 to 10 credits. 511 or approval of department.
Continuation of 511.

513. Focal Problems
Fall. 1 to 10 credits. 512 or approval of department.
Continuation of 512.

514. Focal Problems
Winter. 1 to 10 credits. 513 or approval of department.
Continuation of 513.

515. Focal Problems
Spring. 1 to 10 credits. 514 or approval of department.
Continuation of 514.

520. Clinical Science
(509.) Winter. 1 to 8 credits.
The basic clinical skills of interviewing, physical examination and problem solving are taught in small group seminars utilizing models, patients and self-instructional materials.

521. Clinical Science
Spring. 1 to 8 credits. 520 or approval of department.
Continuation of 520.

522. Clinical Science
Fall. 1 to 8 credits. 521 or approval of department.
Continuation of 521.

523. Clinical Science
Winter. 1 to 8 credits. 522 or approval of department.
Continuation of 522.

524. Clinical Science
Spring. 1 to 8 credits. 523 or approval of department.
Continuation of 523.

530. Human Biology and Behavior
Winter. 1 to 8 credits.
A multidisciplinary course integrating the physiological and psycho-social aspects of each stage of human development, from conception to death, with significant clinical problems of that stage.

531. Human Biology and Behavior
Spring. 1 to 8 credits. 530 or approval of department.
Continuation of 530.

532. Human Biology and Behavior
Fall. 1 to 8 credits. 531 or approval of department.
Continuation of 531.

533. Human Biology and Behavior
Winter. 1 to 8 credits. 532 or approval of department.
Continuation of 532.

534. Human Biology and Behavior
Spring. 1 to 8 credits. 533 or approval of department.
Continuation of 533.

590. Special Problems in Human Medicine
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Human Medicine students or approval of department.
Each student will work under direction of a faculty member of the college on an experimental, theoretical or applied problem. A student should employ this college level course, or approval is required, to expand the scope of his clinical problems.

602. Fundamentals of Patient Care
Fall, Winter, Spring, Summer. 15 credits. Approval of department.
Introductory clinical experiences using selected patients with a broad spectrum of medical, surgical, pediatric, and psychiatric problems. History taking, physical examination and problem formulation are taught as a basis for rational and effective patient care.

605. Sub-Specialty Clerkships
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 41 credits. Hospital and office based clinical experiences in sub-specialties in medicine and surgery.

611. Anesthesiology Clerkship
Fall, Winter, Spring, Summer. 1 to 17 credits. May re-enroll for a maximum of 34 credits. 602.
Introducing common anesthetic agents and techniques, the Anesthesiology Clerkship stresses pre-operative evaluation of physical and psychological status of patients and provides opportunity for performance of anesthetic procedures under supervision.

HUMAN NUTRITION
AND FOODS
See Food Science and Human Nutrition

IMPROVEMENT SERVICES

All University

194. Quantitative Techniques
Fall, Winter, Spring, Summer. 2(2-0)
Proficiency test referral or approval of department.
Number system; rounding and estimating; fractions; decimals; percent; equations; formulas; direct and inverse proportion, including graphs; problem solving or applications; multiplication and division by powers of ten and their multiples; scientific notation; metric system conversions; bases other than ten.

INTERDISCIPLINARY COURSES

All University

100. Career Planning and Academic Programming
Winter, Spring. 1(1-0) Administered by University College.
Philosophical and practical aspects of making career choices and designing academic programs to meet career objectives. Tools and techniques for self-evaluation and evaluation of career alternatives; employability, trends in occupations.

200. Resource Ecology and Man
Fall, Winter, Spring. 3(3-0) Interdisciplinary with the following departments: Anthropology, Botany and Plant Pathology, Fisheries and Wildlife, Forestry, Geophysics, Park and Recreation Resources, Resource Development, and Zoology. Administered by the Fisheries and Wildlife Department.
Mechanisms by which the environment regulates man and his resources. Ecology as the unifying basis for resource management. Resource conservation policy and environmental quality.